

Table N-8: Direct N<sub>2</sub>O Emissions from Pasture, Range, and Paddock Livestock Manure (Tg CO<sub>2</sub> Eq.)

<b>Animal Type</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>
Beef Cattle	35	35	36	37	38	39	39	38	37	37	36	36
Dairy Cows	2	2	2	2	2	1	1	1	1	1	1	1
Swine	+	1	1	+	+	+	+	+	+	+	+	+
Sheep	+	+	+	+	+	+	+	+	+	+	+	+
Goats	+	+	+	+	+	+	+	+	+	+	+	+
Poultry	+	+	+	+	+	+	+	+	+	+	+	+
Horses	2	2	2	2	2	2	2	2	2	2	2	2
<b>Total</b>	<b>40</b>	<b>41</b>	<b>41</b>	<b>42</b>	<b>43</b>	<b>44</b>	<b>44</b>	<b>42</b>	<b>41</b>	<b>41</b>	<b>40</b>	<b>40</b>

+ Less than 0.5 Tg CO<sub>2</sub> Eq.

Note: Totals may not sum due to independent rounding. sewage sludge and livestock manure used as commercial fertilizers, to avoid double counting.